Course Selection Guide

Random Lake High School

2024-2025

Strong Classrooms

Strong School Culture

Strong Community Connections

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Random Lake High School Graduation Requirements

In order to graduate from Random Lake High School students must earn a minimum of 28 credits. All students are required to take eight credits each year.

The following credits are required for graduation:

- ☐ 4 credits of English including:
  - 1 credit of English 9
  - 1 credit of English 10
  - 1 credit of English 11 or AP Language and Composition
  - 1 elective credit of English
- ☐ 3 credits of mathematics including:
  - .5 credit of Statistics
- ☐ 3 credits of science including:
  - 1 credit of Earth & Space Science
  - 1 credit of General Biology
  - 1 elective credit of science
- ☐ 3 credits of social studies ~~including~~:
  - 1 credit of Modern American Studies
  - 1 credit of World Studies
  - .5 credit of Economics
  - .5 credit of either Introduction to Psychology or Sociology
- ☐ 1.5 credits of physical education or 1.0 credit and the PE waiver
- ☐ .5 credit of Health & Wellness (could be satisfied in middle school)
- ☐ 11.5 credits of additional electives
- ☐ 1.5 credits of additional core classes

Students and parents should work with school staff to make sure that all requirements are being met. It is the student's responsibility to see that all requirements are fulfilled. Failed required classes must be repeated and a passing grade earned to acquire the necessary credit. Each student's Infinite Campus account contains information about what credits have been acquired by accessing the transcript, found in the "Documents" tab.

Grade Point Average System

The following system is used to determine Grade Point Average (GPA):

A = 4.0	A- = 3.6	B+ = 3.3	B = 3.0	B- = 2.6	C+ = 2.3	C = 2.0
C- = 1.6	D+ = 1.3	D = 1.0	D- = 0.6	E = 0.5	F = 0	

Grade Point Scale for Advanced Placement Classes and Dual Credit Courses

A = 4.3 A- = 4.0 B+ = 3.6 B = 3.3 B- = 3.0 C+ = 3.6 C = 2.3 C- = 2.0 D+ = 1.6 D = 1.3 D- = 1.0 F = 0

Grade point averages at Random Lake High School are weighed based upon the amount of credit the course is worth for the reporting term. GPA calculation can be performed by taking the sum of multiplying the amount of points each grade is worth by the amount of credit the course is worth and dividing the sum by the total amount of credit available for the term.

University, College & Technical School Entrance Information

If a student plans on attending a four year college or university the following requirements are the norm for admission:

English ..... 4 credits
Natural Science ..... 3 credits, including Chemistry
Mathematics… ..... 3 credits, including Algebra 2
Social Science/History ..... 3 credits
Elective Credits… ..... 4 credits

Electives may be chosen from the above core college preparatory areas, foreign languages, (UW-Madison currently requires 2 credits of a single foreign language for admission, yet 3 credits is the norm for admission), and fine arts. Students are strongly recommended to take math credit beyond the three credit minimum. Please check with specific colleges and universities for exact admission requirements.

Students interested in attending technical college have varied course requirements depending upon the program of study. Technical college representatives typically visit Random Lake High School several times each semester. Students are encouraged to meet with these representatives to discuss programs of interest and what high school courses are needed.

The military requires a high school diploma (or equivalent) for enlistment.

Standardized Test Requirement

Many colleges and universities require an entrance exam for admission. In Wisconsin, the ACT is most common, but students may also take the SAT. Some universities will only accept an official score report directly from ACT (Wisconsin schools are UW-Madison, UW-La Crosse, UW-Eau Claire, and UW-Green Bay). Students will take the ACT test in February or March of their junior year as part of Wisconsin's State Assessment System.

Technical colleges accept ACT scores, but the ACCUPLACER assessment may also be taken for admission to many local technical colleges. Check with the technical college representative to see if an entrance exam is needed and what score will allow direct entry into program courses.

Random Lake High School Post-Secondary Credit Opportunities

Definitions of Credit Options:

Advanced Placement: Advanced Placement is a program run by the College Board that allows students to take courses at the high school which can earn college credit and/or qualify students for more advanced classes when they begin college. Students may earn college credit if they earn a specific scores on the exam given in May. (AP tests are scores between 1 and 5. Typically, a 3 or better earns a student college credit) Each post-secondary institution determines their own policies pertaining to how they choose to accept AP scores. Students should check with the admissions offices of the schools to where they are applying to determine credit eligibility.

Advance Standing: Advanced standing is the procedure colleges and universities use for granting credit to a student for educational experiences taken in high school when the student enrolls in the related program at a post-secondary school. Random Lake High School and Lakeshore Technical College partner to provide students with opportunities to gain credits at their institution by completing certain courses in high school that will count as LTC credit when the student enrolls at that institution after high school graduation. These credits are transferable only in the programs in which they are earned.

Transcripted Credit: Transcripted credit situations occur when a high school teacher, credentialed to teach a college level course, teaches said course as part of the high school schedule. Random Lake High School currently has transcripted credit agreements with Lakeshore Technical College and the University of Wisconsin—Oshkosh. (UW— Oshkosh's transcripted credit program is called CAPP, which stands for Cooperative Academic Partnership Program) Students receive both high school and college credit for the course. Official transcripts stating college credits earned must be requested by the granting institution, and may cost a small fee.

2023-2024 Random Lake High School Dual Credit

Course:	Post-Secondary Institution:	Credit Option:	Number of Credits Earned for Completion:
Agriculture			
Introduction to Horticulture	FVTC	Transcripted Credit	3
Introduction Animal Science	LTC	Transcripted Credit	3
Soil Science	LTC	Transcripted Credit	3
Art			
AP Studio Art	None	AP	Varies by institution
Business			
Accounting I	LTC	Transcripted Credit	4
Software Applications	LTC	Transcripted Credit	3
Marketing	LTC	Transcripted Credit	3
Business Management	LTC	Transcripted Credit	3
Education			
Elementary/SecondaryEducation: Individual School and Society	UW-Oshkosh	Transcripted Credit	3
Child and Adolescent Development	UW-Oshkosh	Transcripted Credit	3
English			
AP Language and Composition	None	AP	Varies by institution
AP Literature and Composition	None	AP	Varies by institution
Introduction to College Speech	LTC	Transcripted Credit	3
Math			
AP Calculus AB	None	AP	Varies by institution

AP Statistics	None	AP	Varies by institution
Science			
Biological Concepts—Unity	UW-Oshkosh	Transcripted Credit	4
AP Chemistry	None	AP	Varies by institution
AP Physics I	None	AP	Varies by institution
AP Physics II	None	AP	Varies by institution
Introduction to Nursing	UW-Oshkosh	Transcripted Credit	1

Social Studies			
AP European History	None	AP	Varies by institution
AP Psychology	None	AP	Varies by institution
Career/ Technical Education			
Introduction to Public Safety	LTC	Transcripted Credit	2
Industrial Enterprise	LTC	Advanced Standing	3
Materials and Processes: Metals	LTC	Advanced Standing	3

Foreign Language			
AP Spanish	None	AP	Varies by institution

Student Fees

The Board of Education of the School District of Random Lake shall annually adopt a schedule of student fees to be assessed for course materials, supplies, extra-curricular activities and other items as designated by the Board. Fees for specific courses may be in addition to fees approved by electors at the annual school district meeting, which is noted in the course description.

A parent or guardian of a minor student or an adult student may apply to the District Administrator for a waiver or reduction of any fee based on the student's or family's financial circumstance. In reviewing the application, the District Administrator shall consider the criteria established for free or reduced hot lunch services.

School Registration Fees $50.00
Technology Fee. $25.00

Regional Career Pathway Maps

When making decisions about what courses to take, students should consider their career plans. One way to get an idea about courses offered at Random Lake High School that align with careers of interest is to consult career pathway maps. Random Lake High School currently has three approved regional pathways: Architecture & Construction, Advanced Manufacturing, and Digital Communications. Additional pathway maps will be approved and included in the guide in upcoming years. Approved maps are contained on the next three pages of this guide.

Digital Technology Career Pathway
at Random Lake High School
Your Academic and Career Plan (ACP) for this career pathway starts here...

Pathways WISCONSIN

Use this page to figure out which classes and activities you will take to prepare for this career pathway. Record your plan in XELLO.

Career and Technical Education Courses	• Software Applications: Word and PowerPoint • Software Applications: Excel and Outlook • Desktop Publishing • MOS Certification Expert • Web Design	Start creating your professional network through **CAREER EXPLORATION PROGRAMS.** Record your experiences in XELLO.
Other Recommended Courses		**Regional** • NEW Connect IT • Tech TItans • FVTC Summer Camps • UWGB Summer Camps • NWTC Career Events
Career and Technical Student Organization	• Future Business Leaders of America (FBLA)	
Work-Based Learning Options	• Youth Apprenticeship- IT (450 hrs/year; 1-2 years) • School Based Enterprise	

Industry Recognized Credential Options *Italics = must be 18 years old to obtain*	**Business Analysis & Project Management**	**Cybersecurity**	**Data Technology**	**Network & Systems Infrastructure**	**Software Development & Programming**
	Microsoft MOS*, MTA*, MCSA, MCSD, MCSE via Microsoft or Certiport				

College Credit Opportunities You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE.	**College Courses Offered at Your High School**	
	Transcripted Credit • Word Level 1 Lakeshore Technical College • Powerpoint Level 1 Lakeshore Technical College • Excel Level 1 Lakeshore Technical College	
	College Courses You Can Take at a College Campus Application Deadlines: October 1st: Spring Courses — February 1st: Summer Courses (ECCP only) — March 1st: Fall Courses	
	Start College Now- **Please see your School Counselor for Start College Now course options to take via a Technical College**	**Early College Credit Program** - Concordia University, Foundations of Computer Science

2021-2022

Architecture and Construction Career Pathway
at Random Lake High School
Your Academic and Career Plan (ACP) for this career pathway starts here…

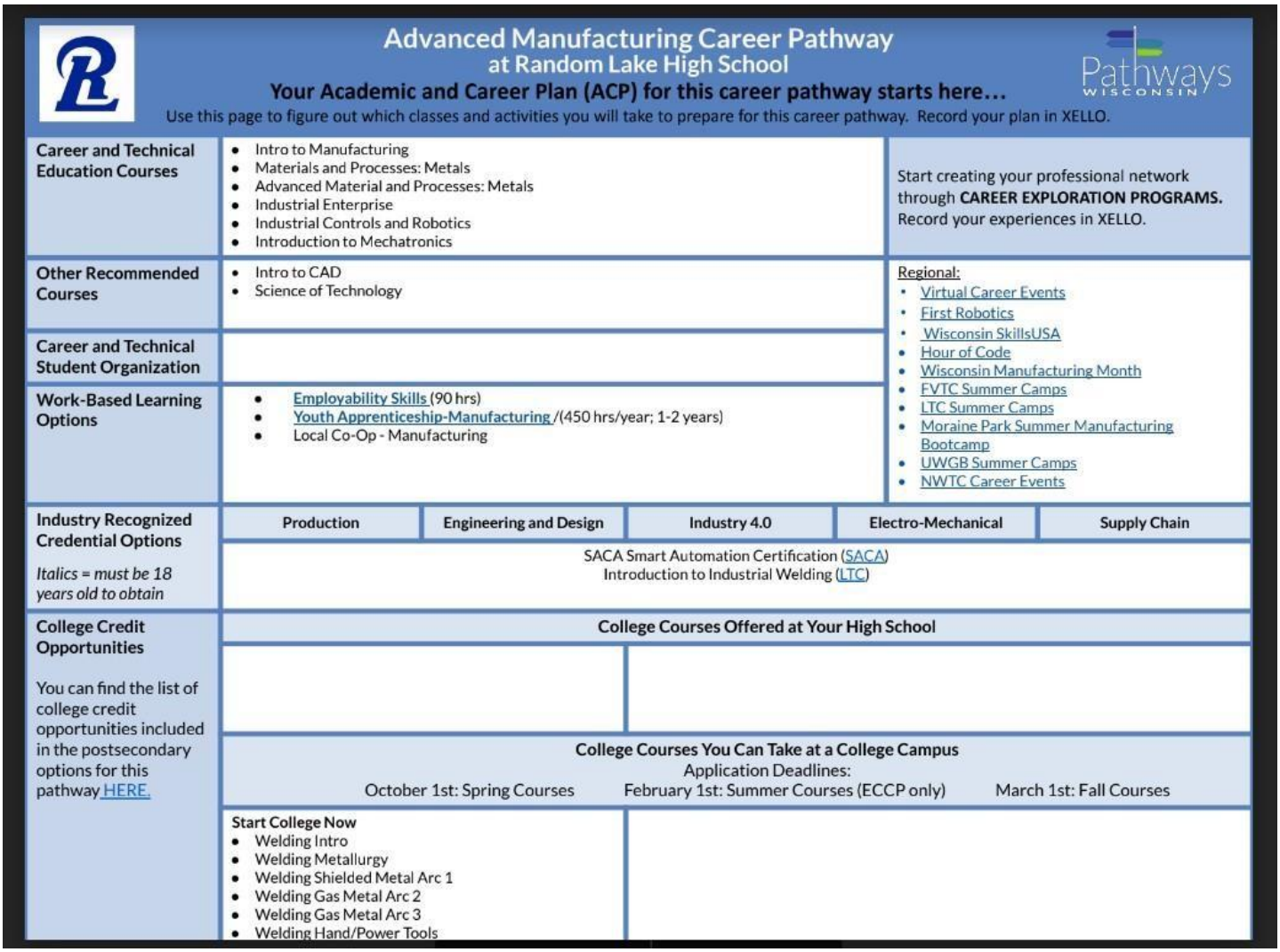
Use this page to figure out which classes and activities you will take to prepare for this career pathway. Record your plan in XELLO.

Career and Technical Education Courses	• Materials & Processes: Woods • Intro to Manufacturing • Building Trades	Start creating your professional network through **CAREER EXPLORATION PROGRAMS.** Record your experiences in XELLO.
Other Recommended Courses	• Advanced Materials & Processes: Woods • Advanced CAD	State: • Virtual Career Events • We Build Wisconsin • Wisconsin Sheet Metal and Steamfitters - request for classroom speaker Regional: • UWGB Design Tech Camp • NWTC Career Events
Career and Technical Student Organization		
Work-Based Learning Options	• Youth Apprenticeship • Local Youth Co-op	

Industry Recognized Credential Options *Italics = must be 18 years old to obtain*	**Design Pre-Construction**	**General Construction Skilled Trades**
	Autodesk AutoCAD	

College Credit Opportunities You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE.	**College Courses Offered at Your High School**	
	Transcripted Credit • Industrial Enterprise	
	College Courses You Can Take at a College Campus Application Deadlines: October 1st: Spring Courses — February 1st: Summer Courses (ECCP only) — March 1st: Fall Courses	
	Start College Now • See you School Counselor for Start College Now course options to take via a Technical College.	**ECCP** **UWM: Architecture 100: Architectural Making 1**

2021-2022



Advanced Manufacturing Career Pathway
at Random Lake High School
Your Academic and Career Plan (ACP) for this career pathway starts here…

Use this page to figure out which classes and activities you will take to prepare for this career pathway. Record your plan in XELLO.

Career and Technical Education Courses	• Intro to Manufacturing • Materials and Processes: Metals • Advanced Material and Processes: Metals • Industrial Enterprise • Industrial Controls and Robotics • Introduction to Mechatronics	Start creating your professional network through **CAREER EXPLORATION PROGRAMS.** Record your experiences in XELLO.
Other Recommended Courses	• Intro to CAD • Science of Technology	Regional: • Virtual Career Events • First Robotics • Wisconsin SkillsUSA • Hour of Code • Wisconsin Manufacturing Month • FVTC Summer Camps • LTC Summer Camps • Moraine Park Summer Manufacturing Bootcamp • UWGB Summer Camps • NWTC Career Events
Career and Technical Student Organization		
Work-Based Learning Options	• Employability Skills (90 hrs) • Youth Apprenticeship-Manufacturing /(450 hrs/year; 1-2 years) • Local Co-Op - Manufacturing	

Industry Recognized Credential Options *Italics = must be 18 years old to obtain*	**Production**	**Engineering and Design**	**Industry 4.0**	**Electro-Mechanical**	**Supply Chain**
	SACA Smart Automation Certification (SACA) Introduction to Industrial Welding (LTC)				
College Credit Opportunities You can find the list of college credit opportunities included in the postsecondary options for this pathway HERE.	**College Courses Offered at Your High School**				
	College Courses You Can Take at a College Campus Application Deadlines: October 1st: Spring Courses — February 1st: Summer Courses (ECCP only) — March 1st: Fall Courses				
	Start College Now • Welding Intro • Welding Metallurgy • Welding Shielded Metal Arc 1 • Welding Gas Metal Arc 2 • Welding Gas Metal Arc 3 • Welding Hand/Power Tools				

Agriculture/Agriscience Education Department

Agriculture Courses Available for Each Grade			
Freshman	**Sophomore**	**Junior**	**Senior**
Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture
	Animal Science*	Advanced Horticulture*	Advanced Horticulture*
	Companion Animal Care*	Animal Science*	Animal Science*
	Introduction to Horticulture*	Companion Animal Care*	Companion Animal Care*
	Introduction to Soil Science*	Food Science & Processing*	Food Science & Processing*
	Natural Resources*	Introduction to Horticulture*	Introduction to Horticulture*
***Prerequisite needed**		Introduction to Soil Science*	Introduction to Soil Science*
		Natural Resources*	Natural Resources*

Course Name	Duration	Grade Level	Credit
Advanced Horticulture	Semester	11 – 12	.5 Credit
Prerequisite	Successful completion of Intro to Horticulture		

This is a one-semester course that will follow the Introduction to Horticulture class. This course will offer students the opportunity to explore a variety of areas in the expanding industry of horticulture. Major units of study will include growing greenhouse crops, learning techniques of sexual and asexual plant reproduction, fertilization, soil preparation, along with the growing area of hydroponics. There will be units on designing interior plant and flower use, exterior landscaping, and floral arrangements. Students will also have the opportunity to become entrepreneurs by creating and marketing their very own horticulture business and products.

Course Name	Duration	Grade Level	Credit
Animal Science	Year	10 – 12	1 Credit
Prerequisite	Successful completion of Introduction to Agriculture		

This course is designed to take a deeper look at the animal industry. Special attention will be given to new technology, careers, safety, dairy, beef, swine, sheep, equine, and poultry. This class will look at nutrition, reproduction, breeds, processing, characteristics, and judging large animals. The growing areas of alternative agriculture and aquaculture will also be explored. Field trips and guest speakers may be a part of this course. **Students have the option to enroll in and earn credit through the Lakeshore Technical College (LTC) option of this course. Grading for this LTC course is in accordance to LTC's grading scale and procedures.**

Course Name	Duration	Grade Level	Credit
Companion Animal Care	Semester	10 – 12	.5 Credit
Prerequisite	Successful completion of Introduction to Agriculture		

This is a one-semester course designed to teach about the growing area of small animals. Pets are an important part of many of our lives. This course will teach you how to properly choose, care for, handle, and treat small animals. Special areas to be covered include careers, safety, dogs, cats, birds, and other popular small animals. Guest speakers, field trips, and students bringing in their pets will also be part of the course.

Course Name	Duration	Grade Level	Credit
Food Science & Processing	Semester	11 – 12	.5 Credit
Prerequisite	Successful completion of Introduction to Agriculture Successful completion of Biology		

Food science and food processing are the past, present, and future of the agricultural industry. This class will track agricultural products from the farmer to the consumer. Students will investigate key players and trends in the food industry. We will be working with milk, dairy products, cereals, grains, fruits, vegetables, meat, poultry, eggs, fish, beverages and more. Students will also gain an understanding of food safety and careers in food science. **This course counts as a half credit of science, as science standards have been built into the course material**. **Course fee.**

Course Name	Duration	Grade Level	Credit
Introduction to Agriculture	Semester	9 – 12	.5 Credit

This is an introductory course into the field of agriculture. Time will be spent in all of the areas of agriculture including plant systems, animal systems, natural resources systems, and food products and processing system. Leadership and other skill-building activities will be developed through units in agricultural careers and the National FFA Organization. **This course is required for further study in the agriculture department.**

Course Name	Duration	Grade Level	Credit
Introduction to Horticulture	Semester	10 – 12	.5 Credit
Prerequisite	Successful completion of Introduction to Agriculture		

This course is designed to provide students with basic information and awareness of ornamental horticulture and floriculture, turf management, and nursery operations. The course will include identification, selection, basic plant growth, growing mediums, marketing and distribution. This course will also manage and produce plants in the greenhouse. An introductory landscaping unit will be discussed and applied. Related careers will be explored.

Course Name	Duration	Grade Level	Credit
Introduction to Soil Science	Year	10 – 12	1 Credit
Prerequisite	Successful completion of Introduction to Agriculture		

Soil is everywhere. This course provides fundamentals of soil's physical properties, chemical properties, biological properties, soil formation, classification, essential nutrients and soil survey. There will be emphasis on soil and water conservation practices that can be used to reduce soil erosion. **Students have the option to enroll in and earn credit through the Lakeshore Technical College (LTC) option of this course. Grading for this LTC course is in accordance to LTC's grading scale and procedures.**

Course Name	Duration	Grade Level	Credit
Natural Resources	Semester	10 – 12	.5 Credit
Prerequisite	Successful completion of Introduction to Agriculture		

This course is designed to develop awareness and appreciation of natural resource conservation, and environmental issues. Topics will include wildlife, soils, water quality, forestry, taxidermy, and outdoor activities (hunting, fishing). Related careers will be explored. **This course counts as a half credit of science, as science standards have been built into the course material.**

Art Department

Art Courses Available for Each Grade			
9	**10**	**11**	**12**
Introduction to Art	Introduction to Art	Introduction to Art	Introduction to Art
Photography	2-Dimensional Art 1*	Advanced Art	Advanced Art*
	2-Dimensonal Art 2*	2-Dimensional Art 1*	AP Studio Art*
	3-Dimensional Art 1*	2-Dimensonal Art 2*	2-Dimensional Art 1*
	3-Dimensional Art 2*	3-Dimensional Art 1*	2-Dimensonal Art 2*
	Photography	3-Dimensional Art 2*	3-Dimensional Art 1*
***Prerequisite required**		Photography	3-Dimensional Art 2*
			Photography

Course Name	Duration	Grade Level	Credit
2- Dimensional Art 1	Semester	10 – 12	.5 Credit
Prerequisite	Introduction to Art		

2-D 1 is a course designed to give students the skills and knowledge required for creating 2-dimensional art (drawing and painting). In this class, students will learn basic skills and explore the basics of drawing and painting media such as graphite, charcoal, colored pencil, watercolor, and acrylic. Perspective, portraiture, and color theory will all be explored. **Course fee.**

Course Name	Duration	Grade Level	Credit
2- Dimensional Art 2	Semester	10 – 12	.5 Credit
Prerequisite	2D Art 1		

For students that thrive in the 2-dimensional arts, this class will give a chance to hone drawing skills and practice creative thinking by interpreting prompts and problems visually. With the freedom to experiment with new drawing and painting media, students will step outside of their comfort zones and develop new techniques while implementing the elements and principles of art and design. **Course fee.**

Course Name	Duration	Grade Level	Credit
3- Dimensional Art 1	Semester	10 – 12	.5 Credit
Prerequisite	Introduction to Art		

In this class, students will explore the characteristics and possibilities of 3-dimensional art (ceramics and sculpture). They will learn the basic hand-building techniques necessary to create both pottery and sculpture and will use a variety of methods to produce work that is both decorative and functional. This class explores a variety of materials including clay, paper mache, cardboard, found objects, wire, etc. **Course fee.**

Course Name	Duration	Grade Level	Credit
3- Dimensional Art 2	Semester	10 – 12	.5 Credit
Prerequisite	3-D Art 1		

This advanced class is open to students who have been successful in 3-D 1 and enjoy creating 3-Dimensional work. This class will help encourage students to interpret prompts and address question through work that is held to a higher standard of craftsmanship and thought. Clay, glass, wood, paper mache and mixed media will be explored. **Course fee.**

Course Name	Duration	Grade Level	Credit
Advanced Art	Semester	11 – 12	.5 Credit
Prerequisite	Either 2-Dimensional Art 2 OR 3- Dimensional Art 2		

This course is for advanced students who are interested in art as a possible career or occupation and who would thrive with more freedom and flexibility in their art schedule. Students may choose projects and materials and will be expected to create a cohesive body of work with an advanced level of craftsmanship, along with the proper documentation of this work including photographs and an artist statement. **Course fee.**

Course Name	Duration	Grade Level	Credit
AP Studio Art	Year	12	1.0 Credit
Prerequisite	Advanced Art		

The AP Studio Art is a course designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation in one of the following areas: Drawing, 2-D Design, or 3-D Design. This course requires a large amount of work and dedication in and outside of the classroom, and will require students to complete summer assignments before taking the course. Successful completion of Advanced Art is required for those who are interested in pursuing AP Studio Art. **Course fee.**

Course Name	Duration	Grade Level	Credit
Introduction to Art	Semester	9 – 12	.5 Credit

Introduction to Art is designed as an introductory art class for all grade levels and is a prerequisite for all other art studio classes. This class will act as a foundation for the high school artist by introducing and/or reinforcing the student's knowledge of the elements and principles of art and design, as well as various other areas of skills and knowledge including color theory, drawing, painting, sculpture, etc. Peer critiques are used to get feedback about products. **Course fee.**

Course Name	Duration	Grade Level	Credit
Photography	Semester	9 – 12	.5 Credit

Photography will provide students with the understanding of photographic media, techniques and processes. The course will focus on development of photographic compositons through manipulation of the elements of art and principles of design. The rationale is to teach students the essential skills needed to work in a variety of careers within hospitality & tourism; arts, A/V technology and communications; and marketing. **Course fee.**

Business & Information Technology Department

Courses Available for Each Grade			
9	**10**	**11**	**12**
Desktop Publishing	Business Law	Accounting II*	Accounting II*
Intro to Business	Desktop Publishing	Desktop Publishing	Desktop Publishing
Intro to Computers	Employability Skills	Employability Skills	Employability Skills
Software Applications	Entrepreneurship	Entrepreneurship	Entrepreneurship
Web Design	Intro to Business	Intro to Business	Intro to Business
	Intro to Computers	Intro to Computers	Intro to Computers
	Accounting I	Accounting I	LTC Accounting I
	Business Management	Business Management	Business Management
	Marketing	Marketing	Marketing
	Personal Finance	Personal Finance	Personal Finance
	Software Applications	Software Applications	Software Applications
	Business Law	Business Law	Business Law
***Prerequisite required**	Web Design	MOS Word or MOS Excel Expert	MOS Word or MOS Excel Expert
		Web Design	Web Design
		Work Experience - Cafe	Work Experience - Cafe

Course Name	Duration	Grade Level	Credit
Accounting I	Semester	10 – 12	1.0 Credit

Students will build upon the basic accounting skills that were developed in the first-year course. Accounting will focus on corporations and department responsibility. Students will gain in-depth knowledge of accounting procedures and techniques that are used in solving business problems and making financial decisions. This course will prepare students for using online

accounting papers commonly used in post-secondary accounting classes. This course is strongly encouraged for students planning on a career in business.

Course Name	Duration	Grade Level	Credit
Accounting II	Semester	11 – 12	.5 Credit
Prerequisite	**Successful completion of Accounting 1.**		

Students will build upon the basic accounting skills that were developed in the first-year course. Accounting will focus on corporations and department responsibility. Students will gain in-depth knowledge of accounting procedures and techniques that are used in solving business problems and making financial decisions. This course will prepare students for using online accounting papers commonly used in post-secondary accounting classes. This course is strongly encouraged for students planning on a career in business.

Course Name	Duration	Grade Level	Credit
Business Law	Semester	10 – 12	.5 Credit

Are you interested in learning how to become an informed consumer, make a contract, or obtain credit in your name? Do you want to know how civil; consumer, vehicle, housing, and employment law protects your legal rights and responsibilities? If you answered yes to any of these questions, Business Law is the course for you! This course enables students to apply relevant legal principles to their roles as citizens, consumers, and employees. Students analyze, evaluate, and resolve legal disputes through class discussions, case studies, essays, mock trials, and court TV cases.

Course Name	Duration	Grade Level	Credit
Business Management	Semester	10 – 12	.75 Credits if taken for college credit 3 Credits (LTC)

Introduction to the world of business from both the organizational and managerial viewpoint. It examines areas of business including the business environment, business formation, planning, operation, accounting, marketing, human resource management, and building effective teams. **Students enrolling in this course are eligible to earn credit through Lakeshore Technical College (LTC), therefore, grading for the course is in accordance to LTC's grading scale and procedures.**

Course Name	Duration	Grade Level	Credit
Desktop Publishing	Semester	9 – 12	.5 Credit

Desktop Publishing is a business course designed to allow students to develop proficiency in using desktop publishing software to create a variety of printed and electronic publications. Students will incorporate journalistic principles in design and layout of publications including integration of text and graphics and use sophisticated software to develop and create quality materials for business related tasks. Students will incorporate the process of analyzing information and audience and choosing the appropriate visual signals to communicate the desired message effectively.

Course Name	Duration	Grade Level	Credit
Employability Skills	Semester	10 – 12	.5 Credit

Employability Skills guides students through the career decision making process using a variety of inventories including the Strong Interest Inventory. In addition, the course includes information on post-secondary education and training options including state and private colleges, technical colleges, two-year community colleges, armed services, apprenticeships, trade/specialty schools and on-the-job-training. Students will learn more about potential careers, prepare a professional cover letter, resume, and reference lists. Students are prepared for and guided through practice interviews by personnel directors from the community. Once students have selected their career and post high school choices, students will develop a budget to estimate their living.

Course Name	Duration	Grade Level	Credit
Entrepreneurship	Semester	10 – 12	.5 Credit

Do you know someone who owns his or her own business? Do you want to be your own boss? Do you have the goal of owning highly successful company? These are only a few of the reasons why thousands of people in the United States become entrepreneurs. Students will learn skills necessary to run their own business. These concepts include: marketing, acquiring financing, managing, and the legal requirements of owning and operating a small business will be explored.

Course Name	Duration	Grade Level	Credit
Intro to Business	Semester	9 – 12	.5 Credit

In today's marketplace global competition is the driving force for survival in world markets. Intro to Business will provide a basic understanding management, which is need by everyone who plans to have a career. These topics include organizational change, diversity in the workforce, ethics, and the critical role in technology. **This course is recommended for freshman or first year Business students.**

Course Name	Duration	Grade Level	Credit
Intro to Computers	Semester	9 – 12	.5 Credit

Perform real-world tasks using the Windows operating system, common PC hardware and software, basic networking devices and printers, security features, and mobile devices. It is a performance-based class that tests what you can do, not just what you have memorized.

Course Name	Duration	Grade Level	Credit
Marketing	Semester	10 – 12	.75 Credits if taken for college credit 3 Credits (LTC)

Introduces the student to the consumer decision process model, the bases used to segment a market, basic concepts about goods, services, and distribution, integrates marketing communications, and the stages of the product life cycle and their impact on the marketing mix. **Students enrolling in this course are eligible to earn credit through Lakeshore Technical College (LTC), therefore, grading for the course is in accordance to LTC's grading scale and procedures.**

Course Name	Duration	Grade Level	Credit
MOS Word Expert or MOS Excel Expert	Semester	10 – 12	.5 Credit
Prerequisite	**Successful completion of Software Applications Word & PowerPoint or Software Applications Excel & Access/Outlook.**		

Microsoft Office Specialist (MOS) certification is the premier credential chosen by individuals seeking to validate their skills and advance their careers. Microsoft Office is a powerful service designed to unleash the best ideas, get things done and stay connected on the go. MOS shows the world that you have the skills to tap the full features and functionality of Microsoft Office. You can demonstrate your increased performance, individual differentiation and personal confidence.

Microsoft Office Specialist certification gives you the tools to build a brighter future including:

- Achieve industry-recognized certification
- Learn the computing skills companies are looking for
- Boost your workforce resume
- Differentiate yourself from other applicants
- Gain valuable experience and confidence
- Heighten your earning potential
- Prepare yourself for a successful future

Course Name	Duration	Grade Level	Credit
Personal Finance	Semester	10 – 12	.5 Credit

Personal Finance focuses on using financial procedures to plan, organize, and allocate resources. Students explore and understand financial opportunities affecting their daily lives, such as setting financial goals, using

money management strategies, selecting bank services, protecting credit, filing tax returns, trading investments, planning for retirement, evaluating risk management, and exploring career opportunities.

Course Name	Duration	Grade Level	Credit
Software Applications	Semester	9 – 12	.5 Credit

Upon successful competition, students are eligible to take the nationally recognized MOS certification. Microsoft Office Specialist (MOS) certification is the premier credential chosen by individuals seeking to validate their skills and advance their careers. Microsoft Office is a powerful service designed to unleash the best ideas, get things done, and stay connected on the go. MOS shows the world that you have the skills to tap the full features and functionality of Microsoft Office. You can demonstrate your increased performance, individual differentiation, and personal confidence.

Students have the option to enroll in and earn credit through the Lakeshore Technical College (LTC) option of this course. Grading for the LTC Course is in accordance to LTC's grading scale and procedures.

Course Name	Duration	Grade Level	Credit
Web Design	Semester	9 – 12	.5 Credit

This course is intended for students with a strong interest in web page design techniques. The course will address a series of design tools including HTML and WUSIWUG. Students will learn features of a web based website building program. Projects will be practical applications of design techniques that will add to web pages.

Learn valuable workplace skills here at RLHS. Students will learn customer service, employability skills, and workplace readiness while working at the Ram Way Cafe. Classwork and hands-on experience are part of this course.

Course Name	Duration	Grade Level
Work Experience - Cafe	Semester	11 _ 12

English Department

English Courses Available by Grade			
9	**10**	**11**	**12**
English 9	**English 10**	**AP Language & Composition***	AP Language & Composition*
		Business and Technical Communication†	AP Literature and Composition*
		Creative Writing	Business and Technical Communication†
		English 11	Creative Writing
		LTC College Speech	Introduction to College Speech
		Media Studies	Media Studies
BOLD=graduation requirement		Science, Technology, Engineering, Math (STEM) Writing†	Science, Technology, Engineering, Math (STEM) Writing†
***Prerequisite required**	**†Course offered alternating years**		

Course Name	Duration	Grade Level	Credit
AP Language & Composition	Year	Grades 11 - 12	1 Credit
Prerequisites	**A grade of B- or higher in both semesters of English 10 or English 11. Juniors taking the course in lieu of English 11 must have "advanced" ACT Aspire scores in Reading and English**		

This is an Advanced Placement college course that engages students in becoming skilled readers of nonfiction prose written for a variety of purposes. The goal is to advance students' knowledge of rhetorical strategies in both seminal works and in their own writing. **Students may be required to purchase required readings.**

Course Name	Duration	Grade Level	Credit
AP Literature & Composition	Year	Grade 12	1 Credit
Prerequisites	**A grade of B- or higher in both semesters of English 11, and/or AP Language and Composition.**		

Advanced Placement English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their

understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Summer assignments are a part of the curriculum.

Course Name	Duration	Grade Level	Credit
Business and Technical Communication	Semester	Grades 11 - 12	.5 Credit
Offered	This course will be offered in school years that begin with **EVEN** numbered years. Example: 2024-25, 2026-27, 2028-29		

With communication in the workplace gaining importance and shifting formats in the 21st century global economy, students need effective and professional communication in varied technical communication settings and situations. By preparing students to have proper professional communication skills, students will be college, career, and employment ready regardless of their postsecondary endeavors.

Course Name	Duration	Grade Level	Credit
Creative Writing	Semester	Grades 11 - 12	.5 Credit

This semester long course is an elective open to juniors and seniors. This course is recommended for students who enjoy reading and writing analysis. The class will use a variety of literature to practice and improve writing and communication skills. Students may be required to submit their writing to various contests. This class will cover a large variety of genres including poetry, mystery, science fiction, and personal essay.

Course Name	Duration	Grade Level	Credit
English 9	Year	Grade 9	1 Credit

This required course is an integrated reading, speaking, and writing experience. Students are expected to read and respond to various types of literature, as well as complete a nine week reading project every quarter. Various long range analytical and other types of writing projects will be expected. Grammar and vocabulary development will be part of weekly lessons.

Course Name	Duration	Grade Level	Credit
English 10	Year	Grade 10	1 Credit

This required course builds on the foundation of English 9. Students will study a variety of texts including literary non-fiction, short stories, novels, plays, and independent novels written by American and multicultural authors. Students will work throughout various units to develop their writing and public speaking skills.

Course Name	Duration	Grade Level	Credit
English 11	Year	Grade 11	1 Credit

This course functions as one of two options to fulfill the grade 11 English requirement. In this course, students will have flexibility within each unit to choose some of the texts they will be reading, analyzing and presenting. By using texts, topics, and discussions that apply more closely to students' interests, students will experience a

higher level of engagement, thereby increasing their application of the standards and skills they need to develop in reading, writing, speaking, and listening. **Note:** Either English 11 or AP Language and Composition must be taken during eleventh grade to meet graduation requirements.

Course Name	Duration	Grade Level	Credit
LTC College Speech	Semester	Grades 11-12	.75 Credit

Whatever career or degree students pursue in post-secondary education, they will need effective verbal communication skills and likely be required to fulfill a speech class requirement in some capacity. This course prepares students for the varying demands of purpose and audience.

Students enrolling in this course are eligible to earn credit through Lakeshore Technical College (LTC), therefore, grading for the course is in accordance to LTC's grading scale and procedures. The credits fulfill the communications requirements of many degree programs at both state and private schools across the state and in neighboring states. Students should check the transfer policies for post-secondary institutions outside the state or institutions not in the UW System.

Course Name	Duration	Grade Level	Credit
Media Studies	Semester	Grades 11-12	.5 Credit

Students will explore various types of media including, but not limited to, newspaper, television, film, and radio. Using concepts taught in class students will be able to identify and describe elements of the various media studied. This course is heavily project oriented; writing is also a large component of the class, as well as class discussion and participation. Students will be required to watch television and movies outside of the regular classroom period.

Course Name	Duration	Grade Level	Credit
Science, Technology, Engineering, Math (STEM) Writing	Semester	Grades 11 - 12	.5
Offered	This course will be offered in school years that begin with ODD numbered years. 2025-26, 2027-28, 2029-2030		

Students will create design solutions to real world problems by engaging in rigorous hands-on, project based, inquiry driven investigations and applying engineering principles and processes. Readings from scientific publications will orient students to current problems within the realms of food, water, shelter, energy, and health. After exploring, analyzing, experimenting, and designing solutions to problems within each realm, students will compose various types of scientific reports: proposals, process analyses, critiques, journal articles, literature reviews, etc. Students will communicate with field experts and present their designs to various audiences. A capstone project will enable students to select a problem from the realm of their choice and follow an engineering design process from beginning conceptualization to finalized end product.

Mathematics Department

Students are strongly encouraged to take 4 years of mathematics. A scientific calculator is needed for most math courses. Students, please consult your current math teachers to determine appropriate course enrollment.

Math Courses Available for Each Grade			
9	**10**	**11**	**12**
Algebra 1	Algebra 2*	Algebra 2*	Algebra 2*
Geometry*	Geometry*	AP Statistics*	AP Calculus AB*
	Precalculus*	Geometry*	AP Statistics*
	Real World Math	Precalculus*	Geometry*
	Statistics	Real World Math	Precalculus*
	Trigonometry*	Statistics	Real World Math
		Trigonometry*	Statistics
***Prerequisite required**			Trigonometry*

Course Name	Duration	Grade Level	Credit
Algebra 1	Year	Grade 9	1 Credit

In Algebra, students will be working on simplifying and solving variable expressions and equations. Students will represent equations and real world situations using graphs.

Scientific Calculator recommendation: Texas Instruments or Casio See course topics here: Algebra 1

Course Name	Duration	Grade Level	Credit
Algebra 2	Year	Grade 10 - 12	1 Credit
Prerequisite	**Successful completion of Geometry**		

This course is an extension of algebra and geometry concepts to understand and analyze the real number system. Students will develop advanced algebra skills with: equations and inequalities, systems of equations and inequalities, functions, polynomials, matrices and rational exponents.

Scientific Calculator recommendation: Texas Instruments or Casio
Graphing Calculator (Optional): Texas Instruments or Casio *Newer editions are allowed as well*

See course topics here: Algebra 2

Course Name	Duration	Grade Level	Credit	
AP Calculus AB	Year	Grade 12	1 Credit	
Prerequisite	**Completion of PreCalculus with a grade of B- or better.**			

This class prepares students to take the AP Calculus exam in May, which if successfully completed, will earn students college credits, dependent upon the institution. Topics include limits, techniques of differentiation,

applications of the derivative, calculus of transcendental functions, Riemann sums, integrals and applications of integration.

Graphing Calculator Requirement: Texas Instruments or Casio *Newer editions are allowed as well*

Course Name	Duration	Grade Level	Credit
AP Statistics	Year	Grades 11 - 12	1 Credit
Prerequisite	**Completion of Statistics with a grade of B- or better.**		

This class prepares students to take the AP Statistics exam in May, which if successfully completed, will earn students college credits, dependent upon the institution. Students will be introduced to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data 2. Sampling and Experimentation 3. Anticipating Patterns 4. Statistical Inference.

Graphing Calculator Requirement: Texas Instruments or Casio *Newer editions are allowed as well*

Course Name	Duration	Grade Level	Credit
Geometry	Year	Grades 9 - 11	1 Credit
Prerequisite	**Successful completion of Algebra 1 or 8th Grade Algebra**		

In Geometry, students will be working on applying properties of shapes, figures, and angles to solve problems. Students will be able to justify their conclusions based on the given information.

Calculator recommendation: Texas Instruments or Casio See

course topics here: Geometry

Course Name	Duration	Grade Level	Credit
Precalculus	Year	Grade 11 - 12	1 Credit
Prerequisite	**Successful completion Algebra II**		

Gives students an in-depth preparation for AP Calculus and other college level math courses. Emphasis is placed upon developing sophisticated mathematical reasoning. Topics include: techniques for analyzing various types of single-variable functions; combinatorics and probability; operations with complex numbers trigonometry in triangles, circles and graphs; operations with polynomials; and the concepts of limits, derivatives, and integrals.

Graphing Calculator Requirement: Texas Instruments or Casio *Newer editions are allowed as well*

Course Name	Duration	Grade Level	Credit
Real World Math	Semester	Grades 10 - 12	.5 Credit

This class covers: real numbers, basic operations, linear equations, proportions with one variable, percents, simple interest, compound interest, annuity, math concepts applied to the purchasing/buying process, math concepts applied to the selling process, and basic statistics with business/consumer applications. The learner will be able to apply skills learned in the course to solve complex problems involving percentages, simple interest, compound interest, annuity problems, inventory, and discounts.

Course Name	Duration	Grade Level	Credit
Statistics	Semester	Grades 10-12	.5 Credit

In Statistics, students will be working on analyzing data and making decisions using data. Students will be calculating probabilities and applying the results to real-world situations. Topics include exploring data, sampling and experimentation, anticipating patterns, and probability and simulation. **This course is required for graduation.**

Calculator recommendation: Texas Instruments or Casio

Course Name	Duration	Grade Level	Credit
Trigonometry	Semester	Grades 10-12	.5 Credit
Prerequisite	**Successful completion of Geometry**		

This is a branch of mathematics that focuses on relationships between the sides and angles of triangles. Basic trigonometry includes but is not limited to: right triangle trigonometry, trigonometric identities, radian measure, the law of sines and cosines, graphing trigonometric functions, and inverse trigonometric functions. Additional topics might include: sum and difference formulas, double and half angle formulas, product to sum formulas, and sum to product formulas, as well as the many applications for all of this.

Calculator recommendation: Texas Instruments or Casio

Math Course Progressions

Pathways	Credit 1	Credit 2	Credit 3	Credit 4
Option 1	Algebra 1 (w/ Math Strategies)	Geometry	Real World Math (1st Semester) Statistics (2nd Semester)	Algebra 2
Option 2	Algebra 1	Geometry	Real World Math (1st Semester) Statistics (2nd Semester)	Algebra 2
Option 3	Algebra 1	Geometry	Trigonometry (1st Semester) Statistics (2nd Semester)	Algebra 2
Option 4	Algebra 1	Geometry	Algebra 2	Trigonometry (1st Semester) **Statistics (2nd Semester)** ***required**
Option 5	Geometry	Algebra 2	Trigonometry (1st Semester) Statistics (2nd Semester)	Pre-Calculus
Option 6	Geometry	Algebra 2	Pre-Calculus Statistics (2nd Semester)	AP Calculus AB
Option 7	Geometry	Algebra 2	Pre-Calculus Statistics (2nd Semester)	AP Statistics
Option 8	Algebra 2	Trigonometry (1st Semester) Statistics (2nd Semester)	Pre-Calculus	AP Calculus AB
Option 9	Algebra 2	Pre-Calculus	Trigonometry (1st Semester) Statistics (2nd Semester)	AP Statistics

Notes:

> **Statistics is a required math class for graduation for the class of 2019 and beyond so that all of the high school standards are met.**

> Statistics can be taken concurrently with any other math course.

> Math strategies is a teacher recommended course for support in math worth elective credit.

> Depending on numbers, the math strategies class may accept students from classes other than Algebra 1

> Special considerations such as taking two math courses concurrently may be granted upon request to a high school math teacher.
> Three credits of mathematics are required for graduation.

Music Department

Music Courses Available for Each Grade			
Freshman	**Sophomore**	**Junior**	**Senior**
Chamber Chorale*	Chamber Chorale*	Chamber Chorale*	Chamber Chorale*
Chamber Singers*	Chamber Singers*	Chamber Singers*	Chamber Singers*
Concert Band*	Concert Band*	Concert Band*	Concert Band*
Concert Choir	Concert Choir	Concert Choir	Concert Choir
Show Choir*	Show Choir*	Show Choir*	Show Choir*
***Prerequisite required**			

Course Name	Duration	Grade Level	Credit
Chamber Chorale	Year	9 – 12	1 Credit
Prerequisite	Students must audition for this choir.		

Chamber Chorale is designed for the more advanced choir member. The purpose of this class is to further develop students into well-rounded musicians who have the opportunity to perform a wide variety of music. Both sacred and secular music of different historical periods will be studied and performed. Music history is an important component of this course, as well as continued study of music theory and sight-singing. Required performances include 2 to 3 formal concerts per year plus the opportunity to participate in the solo and ensemble festival. Individual voice lessons are required. This course can be taken more than once for credit.

Course Name	Duration	Grade Level	Credit
Chamber Singers Show Choir	Year	9 – 12	.5 each course
Prerequisite	Students must audition for this choir.		

Chamber Singers and Show Choir are performance focused ensembles; therefore students need to have solid singing fundamentals in place before auditioning for these groups. Chamber Singers performs a demanding December schedule of a cappella performances. Students perform at school concerts, as well as church services, community events, solo and ensemble festival and many other venues in the spring. This course may be taken more than once for credit.

Show Choir requires students to sing and dance to contemporary music and vocal jazz. Required performances include school concerts, solo and ensemble festival and other venues. Students may need to purchase parts of their costumes. Rehearsal time outside of class may be required. This course may be taken more than once for credit.

Course Name	Duration	Grade Level	Credit
Concert Band	Year	9 – 12	1 Credit

Concert Band is a performing ensemble. This course is designed to provide students with the opportunity to perform a wide variety of quality band literature. Students will continue to work on basic music knowledge and instrumental technique in order to enjoy music as a lifelong activity. Some course topics include sight-reading, music theory, conducting, and music history. Students will perform as part of a large ensemble. Opportunities also exist for small ensembles and/or solo work. Students will grow toward the development of their whole person through the avenues of self-expression provided by the performance of music. Required performances include 2 to 3 concerts per year, graduation ceremony, and high school athletic events. Individual and/or group lessons are also required. This course may be taken more than once for credit.

Course Name	Duration	Grade Level	Credit
Concert Choir	Year	9 – 12	1 Credit

Concert choir is an entry level, performing ensemble designed to teach the fundamentals of the choral experience. This choir is open to any student wishing to: sing, learn basic music theory and sight singing, and learn about vocal health to make music a lifetime activity. Required performances include 2 to 3 formal concerts per year plus the opportunity to participate in the solo and ensemble festival. Individual or small group voice lessons are offered. This course may be taken more than once for credit.

Physical Education Department

Students are required to take 1.5 credits of physical education (three physical education courses) unless a waiver is submitted. With a PE waiver, a student must take 1.0 credit of PE, successfully complete a season of school sponsored athletics, and complete .5 credit in an academic area beyond graduation requirements.

Physical Education Courses Available for Each Grade			
Freshman	**Sophomore**	**Junior**	**Senior**
Introduction to Lifetime Fitness	Advanced Nutrition and Fitness Strategies*	Advanced Nutrition and Fitness Strategies*	Advanced Nutrition and Fitness Strategies*
Competitive Sports and Fitness	Cooperative Fitness	Cooperative Fitness	Cooperative Fitness
	Sports Challenge	Sports Challenge	Sports Challenge
	Strength Conditioning & Fitness	Strength Conditioning & Fitness	Strength Conditioning & Fitness
***Prerequisite required**			

Course Name	Duration	Grade Level	Credit
Advanced Nutrition and Fitness Strategies	Semester	10 - 12	.5 Credit
Prerequisites	Successful completion of Introduction of Lifetime Fitness or Competitive Sports & Fitness		

This class will take place in the classroom, gym, and fitness center. This class will relate nutrition to muscle building, fat loss, and overall health. Students will use these strategies to help develop a plan to improve their fitness and the fitness of those around them. Students will learn where muscles are located and what they are used for. This class is designed for those students with a vast interest in how the human body performs and functions.

See course topics here: Advanced Nutrition & Fitness Strategies

Course Name	Duration	Grade Level	Credit
Competitive Sports and Fitness	Semester	9-10	.5 Credit

The student will develop an understanding of the rules, skills, and strategies in a variety of individual and team sports. Students will also learn how sports can help develop fitness and will learn how to work out in the fitness center. This class is for the student that enjoys being involved in sports in a fun, yet competitive

manner. Typical activities may include: soccer, volleyball, whiffleball, speedball, badminton, basketball, floor hockey, pickle ball, and badminton. Students will use heart rate monitors to help track their fitness throughout the semester.

See course topics here: Competitive Sports & Fitness

Course Name	Duration	Grade Level	Credit
Cooperative Fitness	Semester	10 – 12	.5 Credit

This class is designed for students with an interest in group based fitness. Structured fitness activities help many individuals to reach their fitness and health goals. As much as some would like the ability to do things on their own, they feel better when everyone around them is doing the same thing. They feel less lost as they are working in a group setting, giving students a better chance to achieve their ultimate goal of fitness and health. Students will learn what muscles and attributes they are working along the way. Students will also learn how to lead fitness class themselves, learning how to do exercise, while learning how to teach others these same vital skills. **This course may be taken more than once for credit.**

See course topics here: Cooperative Fitness

Course Name	Duration	Grade Level	Credit
Introduction to Lifetime Fitness	Semester	9	.5 Credit

This class is designed for the student who wants to improve his or her fitness through group work out activities. Structured fitness activities help many individuals to reach their fitness and health goals.
Lifetime Fitness is a class where sports and games are NOT played, so students will learn lifetime fitness skills to increase their fitness level now and for the rest of their lives.

See course topics here: Intro to Lifetime Fitness

Course Name	Duration	Grade Level	Credit
Sports Challenge	Semester	10 – 12	.5 Credit

Sports Challenge includes skill development in various activities and an in-depth study of several team games. A variety of highly competitive tournaments and contests will take place in various units. A study of the individual game strategies of each game will be examined including a look at the principles and history of the games. Officiating skills will be explored. **This course may be taken more than once for credit.**

See course topics here: Sports Challenge

Course Name	Duration	Grade Level	Credit
Strength Conditioning & Fitness	Semester	10 – 12	.5 Credit

Students will be given the opportunity to design their own individual strength programs using weight room activities. Students will be using free weights, weight machines, and performing agility drills. Students will also take part in cardiovascular activities, plyo-metric and "fitness" related activities for heart and lung development. Students will create activity logs and incorporate heart rate analysis with unit activities. **This course may be taken more than once for credit.**

See course topics here: Strength Conditioning & Fitness

Science Department

Science Courses Available for Each Grade			
9	**10**	**11**	**12**
Earth & Space Science	American Wilderness Science*	American Wilderness Science*	American Wilderness Science*
General Biology	AP Physics 1*	Anatomy & Physiology*	Anatomy & Physiology*
	Biological Concepts—Unity†	AP Chemistry*†	AP Chemistry*†
	Chemistry	AP Physics 1*	AP Physics 1*
	Environmental Science	AP Physics 2*†	AP Physics 2*†
	General Biology	Biological Concepts—Unity†	Biological Concepts—Unity†
		Biotechnology*†	Biotechnology*†
		Chemistry	Chemistry
		Environmental Science	Environmental Science
BOLD=graduation requirement		Physical Science: Chemistry	Physical Science: Chemistry
***Prerequisite required**		Physical Science: Physics	Physical Science: Physics
†Course offered alternating years		Zoology*†	Zoology*†

Course Name	Duration	Grade Level	Credit
American Wilderness Science	Year	Grades 10 - 12	1 Credit
Prerequisites	C or better in Earth and Space Science and Biology		

American Wilderness Leadership is a year-long class focusing on management of natural resources. Wildlife preservation and management are becoming leading fields in science, especially with pushes for environmental regulations and monitoring of mining and construction. Students will learn about how their passions can become viable employment opportunities in the fields of field biology, mitigation, land management, and wildlife monitoring. We will discuss forestry, ethical harvest, as well as the study of the North American Model of Conservation. There will also be discussion of laws and governmental processes that impact environmental decision making. Case studies, current events, and book studies will be included in this course. Students must

earn a C during first semester to be allowed to complete the NASP archery training as well as the fieldwork associated with hunter's safety. **Course fee.**

Anatomy & Physiology	Year	Grades 11 - 12	1 Credit
Prerequisites	Successful completion of Biology and Chemistry.		

This is a college-preparatory course designed to provide students with the background and skills necessary to take on the challenging introductory-level college courses required for many health and medical programs. It is also designed for the student who has a particular interest in how the human body is structured and how it functions.

This course will explore the structure, function, and organization of cells, tissues, organs, and systems in relation to the human body. It will include the study of anatomy and physiology by lecture, discussion, independent research, projects, and laboratory procedures. Dissections may include: eye, brain, heart, kidney, uterus, and fetal pig. **Course fee.**

Course Name	Duration	Grade Level	Credit
AP Chemistry	Year	Grades 10 - 12	1 Credit
Prerequisites	**A grade of B- or higher in each semester Chemistry, and successful completion of Algebra II with a B- in each semester.**		
Offered	This course will be offered in school years that begin with **ODD** numbered years. Examples: 2023-24, 2025-26, 2027-28		

AP Chemistry is a study of the properties of matter and energy. It is a college level class, and college credits may be awarded upon receiving a passing score on the national AP Chemistry exam in May. The topics of study include intermolecular forces, bonding principles, reaction rates, thermochemistry, and equilibrium. Roughly 40% of the class time will be spent on inquiry based lab activities. Students can expect about an hour of homework for each class meeting.

See course topics here: AP Chemistry

Course Name	Duration	Grade Level	Credit
AP Physics 1	Year	Grades 10 - 12	1 Credit
Prerequisites	**Successful completion of Algebra I with a B- in each semester, and completion of or concurrent enrollment in Geometry.**		

Advanced Placement Physics is equivalent to a first year course in Physics offered at a university or college. A wide range of Physics topics are covered in depth. Advanced Placement students must be eager and willing to strive to meet the greater time demands of a college-level course. Students have the opportunity to take the AP Physics exam in May. In order to take AP Physics 2, students must take the AP Physics exam and score a 2 or

higher. The test score is used to determine if the student is eligible for advanced standing upon enrolling at a university. Enrollment decisions will be based upon a student's past performance in math and science classes.

See course topics here: AP Physics 1

Course Name	Duration	Grade Level	Credit
AP Physics II	Year	Grades 11 - 12	1 Credit
Prerequisites	**A grade of B- or higher in each semester Chemistry, and successful completion of Algebra II with a B- in each semester.**		
Offered	This course will be offered on years that begin in fall of **even** numbered years. Example: 2024, 2026,2028		

AP Physics is a continuation of the AP Physics I course. Students will learn about fluid mechanics, thermodynamics, optics, electricity, magnetism, and nuclear physics. The course is both challenging and demanding with an average of about 2 hours of homework per week. Students must perform a number of selfdirected lab activities and solve complex mathematical problems. Students also will have the option to take the AP Physics II Exam in May to potentially earn college credits in Physics.

See course topics here: AP Physics II

Course Name	Duration	Grade Level	Credit
Biotechnology	Semester	Grade 11 – 12	.5 Credit
Prerequisites	Successful completion of General Biology, completion of or current enrollment in Chemistry.		
Offered	This course will be offered in school years that begin with **ODD** numbered years. Example: 2025-26, 2027-28, 2029-30		

Biotechnology is a challenging course open to students who are interested in pursuing careers in sciences such as biology, medical technology, agriculture, or natural resources. Students will gain hands-on experience working with lab equipment used in the field of biotechnology and molecular biology. Students will explore topics surrounding biotechnology such as genetic engineering, molecular biology, transgenic animals, human genes and gene therapy. Our overlying topics will remain within the realms of agricultural, food, and medical biotechnology. Moral and ethical issues surrounding biotechnology now and in the future will also be covered.

Course Name	Duration	Grade Level	Credit
Chemistry	Year	Grades 10 - 12	1 Credit
Prerequisite		Successful completion of Algebra	

Chemistry is a course designed to provide the student with a general knowledge of chemistry and its processes. Students learn primarily through laboratory activities with enough related theory presented in lecture to understand the lab work. The course is designed for the college bound student. The course provides the student with the foundation necessary to succeed in a college or AP Chemistry course. Proper lab techniques and safety will be emphasized. **Must earn a B- or better in Chemistry to enroll in AP Chemistry.**

See course topics here: Chemistry

Course Name	Duration	Grade Level	Credit
Earth & Space Science	Year	Grade 9	1 Credit

This course is taken by all ninth grade students and is required for graduation. The content of the class includes three main ideas: Earth Systems, Earth and Human Activity, and Earth's Place in the Universe. A strong emphasis is placed on developing students' skills in scientific investigation, data interpretation and analysis, and explaining scientific results. Students must successfully complete this class before enrolling in any advanced science classes other than biology.

Course Name	Duration	Grade Level	Credit
Environmental Science	Semester	Grade 10 – 12	.5 Credit

Environmental Science is intended for students who wish to develop a deeper understanding of their natural environment. We explore the ecosystems that surround us and attempt to discover our human niche within them. Our classroom extends outside of the school walls and offers the opportunity to learn about the environment in the environment, as we look for our connection to the natural communities among our forests, soils, wetlands, prairies, rivers, and lakes.

Course Name	Duration	Grade Level	Credit
General Biology	Year	Grades 9 - 10	1 Credit
Prerequisites	B or better in 8th grade science for all terms when requesting for 9th grade.		

Biology is a required course for graduation. It is the study of living organisms and how they interact with their environment. Students will learn through participation in topic discussions, laboratory work, class presentations, and projects. Course topics will include the study of chemistry, cells, concepts in genetic engineering, plant and animal kingdoms, ecology, and the biology of the human body. Emphasis will be placed on environmental awareness and health topics. This is a sophomore level class.

Course Name	Duration	Grade Level	Credit
Physical Science: Chemistry	Semester	Grades 11 – 12	.5 Credit

This class introduces the student to basic Chemistry principles including atoms, elements, compounds, and mixtures. Students will learn how to predict the properties of substances from their chemical formulas.

Chemical changes will be observed in laboratory activities. The energy changes that take place during chemical reactions will be applied to environmental issues such as air pollution and global warming. Students will use the law of conservation of mass to determine the amounts of products during chemical reactions. This class may be taken at the same time as Physical Science: Physics. Students must either take this course or Chemistry to fulfill the Chemistry portion of the Science standards.

See course topics here: Physical Science Chemistry

Course Name	Duration	Grade Level	Credit
Physical Science: Physics	Semester	Grades 11 – 12	.5 Credit

This class introduces the student to basic Physics principles including the motion of objects and the forces that change the motion of objects. Students will learn that energy can take on many different forms, but the total amount of energy is always conserved. Students will also learn the properties of waves. Sound and light waves will be the primary focus. This class may be taken before or at the same time as Physical Science: Chemistry. Students must either take this course or AP Physics 1 to fulfill the Physics portion of the Science standards.

See course topics here: Physical Science Physics

Course Name	Duration	Grade Level	Credit
Zoology	Semester	Grades 11 - 12	.5 Credit
Prerequisite	C or better in Earth Space Science and Biology		
Offered	This course will be offered in school years that begin with **ODD** numbered years. Examples: 2025-26, 2027-28, 2029-30		

Zoology is a semester course that provides the student with a survey of invertebrate and vertebrate animals. Zoology students will delve into the diversity of life by studying characteristics, taxonomic relationships, life processes, survival mechanisms, and economic importance among the organisms. This course will include dissections of various animals.

Social Studies Courses Available for Each Grade			
9	**10**	**11**	**12**
Modern American Studies	**World Studies**	AP Psychology*	AP Psychology*
		AP European History*	AP European History*
		Economics	**Economics**
BOLD=graduation requirement		**Introduction to Psychology†**	**Introduction to Psychology†**
***Prerequisite required**		**Sociology†**	**Sociology†**
†only ONE of these two classes must be taken to satisfy graduation requirements			

Course Name	Duration	Grade Level	Credit
AP Psychology	Semester	Grades 11 - 12	1.0 Credit

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

Course Name	Duration	Grade Level	Credit
AP European History	Year	Grades 11 - 12	1 Credit
Prerequisite	**A grade of B- or higher in both semesters of World Studies**		

The focus of Advanced Placement (AP) European History is the study of European history since 1450. Included are topics such as the Late Middle Ages, Renaissance and Reformation, Exploration and State Building, Intellectual and Political Revolution, Imperialism, The World Wars, The Cold Wars, The Bi-Polar era, and Recent European History. The course will deepen a student's knowledge of cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements in European History the goal of the course is to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students enrolling in the class will be expected to complete a summer reading assignment and analysis packet. Students will have the opportunity to take the AP Exam in the spring and, upon successful completion of

the AP Exam, can receive college credit for this course. **This course may include summer work that will be due prior to the school year beginning.**

Course Name	Duration	Grade Level	Credit
Modern American Studies	Year	Grade 9	1 Credit

Modern American Studies is a required year-long course which will cover topics in United States history beginning with post Reconstruction America and continuing to the late 20th century. The course will utilize various resources, such as primary sources, videos, simulations, assessments, and current events, to enhance the student's educational experience. Particular emphasis will be placed upon skills needed for historical inquiry and research. **This course is required for graduation.**

Course Name	Duration	Grade Level	Credit
Economics	Semester	Grades 11 - 12	.5 Credit

Economics is the study of decision making. The course examines the principles and theories of economic thought and practice. Included in the course are concepts of economic systems and free enterprise, microeconomic units on the concepts of supply, demand, price, and the structure of markets, and macroeconomic units on financial markets, government policy, unemployment, inflation, poverty, and an examination of the new global economy. The purpose of the course is to provide the student with an opportunity to become more aware of the forces of economics present within an increasing global society and economy, and to analyze the effects that these forces have on the local, state and national economy. **This course is required for graduation.**

Course Name	Duration	Grade Level	Credit
Introduction to Psychology	Semester	Grade 11 - 12	.5 Credit

This semester-long course fulfills the .5 credit behavioral sciences graduation requirement for the class of 2021 and beyond. Psychology is the scientific study of the mind and behavior. The course presents the basic concepts and perspectives for understanding human behavior and mental processes. It will include factors affecting human behavior and mental processes, research methodology, the terminology of the discipline, application of psychological principles to everyday life, and the interrelation of psychology with other disciplines. **Students must select either Introduction to Psychology or Sociology to complete graduation requirements in social studies.**

Course Name	Duration	Grade Level	Credit
Sociology	Semester	Grades 11 - 12	.5 Credit

This semester long course fulfills the .5 credit behavioral sciences graduation requirement required for the graduation class of 2021 and beyond. Sociology is the study of the development, structure, and functioning of human society. The course presents the major areas of sociology, including: theory, methods, core concepts, social institutions, and social change. The course emphasizes active learning through critical reading, writing,

discussion, research projects, and presentations. **Students must select either Sociology or Introduction to Psychology to complete graduation requirements in social studies.**

Course Name	Duration	Grade Level	Credit
World Studies	Year	Grade 10	1 Credit

World Studies examines the history, culture, and geography of civilizations throughout the world. Content focuses on the time period from the ancient civilizations through the Middle Ages and into the rise of the modern world. The focus will be on key concepts such as ongoing change across cultures and major movements and ideas in the arts, philosophy, politics, religion, and technology. The course will utilize various resources, such as primary sources, videos, simulations, assessments, and current events, to enhance the student's educational experience. Particular emphasis will be placed upon skills needed for historical inquiry and research. **This course is required for graduation.**

Technology Education Department

Technology Courses Available for Each Grade			
9	**10**	**11**	**12**
Intro to CAD (Computer Aided Drafting)	Digital Graphic Design	Advanced Materials & Processes: Metals*	Advanced Materials & Processes: Metals*
Graphic Communications	Graphic Communications*	Advanced Materials & Processes: Woods*	Advanced Materials & Processes: Woods*
Introduction to Manufacturing	Industrial Controls & Robotics	Building Trades*	Building Trades*
Introduction to Power & Energy	Intro to CAD (Computer Aided Drafting)	Digital Graphic Design	Digital Graphic Design
Materials & Processes: Metals	Intro to CNC Machining	Graphic Communications*	Graphic Communications*
Materials & Processes: Woods	Auto CAD	Industrial Controls & Robotics	Industrial Controls & Robotics
Science of Engineering Technology	Introduction to Manufacturing	Intro to CAD (Computer Aided Drafting)	Intro to CAD (Computer Aided Drafting)
Digital Graphic Design	Intro to Mechatronics	Intro to CNC Machining	Intro to CNC Machining
	Intro to Power & Energy	Industrial Enterprise*	Industrial Enterprise*
	Introduction to the Trades*	Auto CAD	Auto CAD
	Materials & Processes: Metals	Introduction to Manufacturing	Introduction to Manufacturing
	Materials & Processes: Woods	Intro to Mechatronics	Intro to Mechatronics
	Power Systems*	Introduction of Power & Energy	Introduction of Power & Energy
	Science of Engineering Technology	Introduction to the Trades*	Introduction to the Trades*
		Materials & Processes: Metals	Materials & Processes: Metals
		Materials & Processes: Woods	Materials & Processes: Woods
		Power Systems*	Power Systems*
		Science of Engineering Technology	Science of Engineering Technology
***Prerequisite required**			

Course Name	Duration	Grade Level	Credit
Advanced Materials & Processes: Metals	Semester	11 – 12	.5 Credit
Prerequisites	A grade of C or better in Materials and Processes: Metals A grade of C or better in Intro to CAD		

This is a semester long course that is designed to allow students to gain additional experience and knowledge in the engineering processes of various types of metals. A further depth of knowledge and techniques will be discovered with relationship to these materials. These students will already have gone through beginning metals and will further their knowledge of the machines and techniques used in the manufacturing processes while employing current safety practices at all times. Students are required to design and build a semi- complex to complex metals project of their choosing. **Course fee.**

Course Name	Duration	Grade Level	Credit
Advanced Materials & Processes: Woods	Semester	11 – 12	.5 Credit
Prerequisite	A grade of C or better in Materials and Processes: Woods		

This is a semester long course that is designed to allow students to gain additional experience and knowledge in the engineering processes of various types of woods. A further depth of knowledge and techniques will be discovered with relationship to these materials. These students will already have gone through beginning woods and will further their knowledge of the machines and techniques used in the manufacturing processes while employing current safety practices at all times. **Course fee.**

See course topics here: Advanced Materials & Processes: Woods

Course Name	Duration	Grade Level	Credit
Building Trades	Year	11 – 12	1 Credit
Prerequisites	Introduction to CAD and Materials and Processes Woods with a grade of C or better.		

In this course students will learn about many different professions in the construction industry. Some trades that will be covered include carpentry to counter tops, plumbing, electrical, masonry, tile work, etc. Some projects will be completed in class; these will depend on the season and needs as they arise. **Course fee.**

See possible course topics here: Building Trades

Course Name	Duration	Grade Level	Credit
Digital Graphic Design	Semester	9 – 12	.5 Credit

This is an introductory course to provide students with the basic knowledge and skills related to the graphic design industry. Students will work with Adobe Photoshop, Illustrator, and InDesign to create cativating images and graphics. Students will also learn how to effectively use the concepts and principles of design isung colors, typography, and composition in developing their work. Students will be creating different photographic composite images to teach these concepts. **Course fee.**

Course Name	Duration	Grade Level	Credit
Graphic Communications	Semester	9 – 12	.5 Credit

This course is an in depth study of the printing industry and how it relates to the graphic communications field. Students will use the computer software used in the printing industry in prepress operations along with digitally manipulating images. Students will also work with various methods and materials in order to prepare and perform real world printing applications. **Course fee.**

See course topics here: Graphic Communications

Course Name	Duration	Grade Level	Credit
Industrial Controls & Robotics	Semester	10 – 12	.5 Credit

This course is part of the Sheboygan County Industry 4.0 initiative, a collaboration among schools and businesses. It is designed to introduce high school students to key Industry 4.0 technologies being adopted into a wide range of industries through the Amatrol platform. When taken along with Intro to Mechatronics, students will get in depth subject area knowledge and hands on skills for industrial controls, mechatronics, industrial robotics, and IIoT (Industrial Internet of Things) technologies. This is a flipped classroom course where students will learn online content and use hands-on Amatrol trainers. SACA Smart Automation certification is available. Topics are included in the table below. This class is available for students in 10th grade, but is geared toward students in 11th and 12th grade.

Industrial Robotics
Robotic Safety & Components
Jogging
Frames
Program Development
Inputs, Outputs, and Macros
Robot Application Workcells

Industrial Controls
Ethernet Network Communications
Programming Logic Controllers
CNC Programming
Mechatronic Systems
VFD Operations and Control
Fault Recovery

Course Name	Duration	Grade Level	Credit
Industrial Enterprise (at times, referred to as Project GRILL)	Year	11 – 12	1 Credit
Prerequisites	Intro to CAD, Materials and Processes Woods, OR Materials and Processes Metals with a grade of C or better.		

The objectives throughout this year long course will be to introduce students to the rigors of modern manufacturing. A major manufacturing project will drive the course. Included in class will be divisions of management, research & design, advertising, accounting, and project construction. A partnership of businesses and area technical colleges will be networked as the project progresses. Numerous opportunities will exist for students to develop first-hand interactions with people in industrial manufacturing and technical college programs to further their education. This course has an advanced standing agreement with Lakeshore Technical College, so students who plan to attend Lakeshore Technical College can receive credit upon acceptance to a related manufacturing program. Seniors in the class are also eligible to apply for a scholarship through Project GRILL. This course may be taken more than once for credit. **Course fee.**

Course Name	Duration	Grade Level	Credit
Introduction to CAD (Computer Aided Drafting)	Semester	9 – 12	.5 Credit

Drafting is a form of graphic communications, which is a universal language of today's engineers and designers. This is a course that prepares a student to be able to design ideas using CAD software. Students will understand how to accurately produce orthographic projections, isometric, primary, and secondary auxiliary views, and geometry construction. **Course fee.**

Course Name	Duration	Grade Level	Credit
Auto CAD	Semester	10 – 12	.5 Credit

This course covers the essential core topics for working with the AutoCAD software. The teaching strategy is to start with a few basic tools that enable the student to create and edit a simple drawing, and then continue to develop those tools. More advanced tools are introduced throughout the class. **Course fee.**

Course Name	Duration	Grade Level	Credit
Introduction to CNC Machining	Semester	10 – 12	.5 Credit

This course allows students to explore the concepts and capabilities of computer numerical control machine tools. Topics to be taught include setup, operation, and basic applications of control machine tools. Upon completion of this course students will be able to explain operator safety, machine protection, data input, program preparation, and program storage. **Course fee.**

Course Name	Duration	Grade Level	Credit
Introduction to Manufacturing	Semester	9 – 12	.5 Credit

This course is designed to educate and introduce students to many of the different manufacturing techniques and processes that were employed in the past as well as the newest techniques and processes of today. This class will culminate with a class project using a mass production approach. **Course fee.**

Course Name	Duration	Grade Level	Credit
Intro to Mechatronics	Semester	10 – 12	.5 Credit

This course is part of the Sheboygan County Industry 4.0 initiative, a collaboration among schools and businesses. It is designed to introduce high school students to key Industry 4.0 technologies being adopted into a wide range of industries through the Amatrol platform. When taken along with Intro to Mechatronics, students will get in depth subject area knowledge and hands on skills for industrial controls, mechatronics, industrial robotics, and IIoT (Industrial Internet of Things) technologies. This is a flipped classroom course where students will learn online content and use hands-on Amatrol trainers. SACA Smart Automation

certification is available. Topics are included in the table below. This class is available for students in 10th grade, but is geared toward students in 11th and 12th grade.

Intro to Mechatronics A
Intro to Advanced Manufacturing
Safety
Hand Tools
Print Reading
AC/DC Electrical Systems
Electrical Relay Control
Precision Measurement
Electronic Sensors

Intro to Mechatronics B
Industry 4.0 Principles
Pneumatics
Hydraulics
Mechanical Drives
Servos, Steppers, and Drive Systems
Advanced Fluid Power
Manufacturing Metrics

Course Name	Duration	Grade Level	Credit
Introduction to Power & Energy	Semester	9 – 12	.5 Credit

Human technical development of power and energy has a rich historical time line. This course will follow the evolution of power from the development of Archimedes' mechanical advantage levers to the modern introduction of 12,000 mph plasma engines designed for space exploration. There will be many stops along the way, studying steam engines, the internal combustion engine of all types, electric generation, and nuclear power reactors. Energy sources will be incorporated in the time line when discovered and turned into power through invented technology. The main emphasis will be hands on building and fixing applications of each major power system. **Course fee.**

Course Name	Duration	Grade Level	Credit
Introduction to the Trades	Semester	10 – 12	.5 Credit
Prerequisite	Successful completion of Introduction to Power and Energy.		

An introductory course of basic electrical, plumbing, and water systems concepts. In Electricity, students will work with simple electrical circuits, understand ohms law, resistant values, A.C. and D.C. electrical systems, measurement of power, and grasp the basic principles of electricity. In plumbing, students will learn basic drainage systems, the materials used, and how to vent them. In water systems, students will learn how to solder copper pipe, crimp and run PEX tubing, and understand the basics of running water within a home. **Course fee.**

Course Name	Duration	Grade Level	Credit
Materials & Processes: Metals	Semester	9 – 12	.5 Credit

This is a semester long course designed to allow students to gain experience in engineering the various types of metal materials. Manufacturing processes and techniques will be covered with relationship to different types of metal materials such as mild steel and aluminum. Students will become familiar with the metals lab and how to maintain a safe and clean working area. **Course fee.**

Course Name	Duration	Grade Level	Credit
Materials & Processes: Woods	Semester	9 – 12	.5 Credit

This is a semester long course designed to allow students to gain experience in engineering the various types of wood materials. Manufacturing processes and techniques will be covered with relationship to different types of wood materials such as ash and walnut. Students will become familiar with the woods lab and how to maintain a safe and clean working area. **Course fee.**
See course topics here: Materials & Processes: Woods

Course Name	Duration	Grade Level	Credit
Power Systems	Semester	10 – 12	.5 Credit
Prerequisite	Introduction to Power and Energy with a grade of C or better.		

The next step is an in depth study of technology used to power industry, the transportation systems, and electrical grid. Students will investigate hydraulics, pneumatics, robotics, electrical control centers, internal, and external combustion engines, turbines, electric motors and transformers. There will be hands on labs to build and repair the power systems previously mentioned. If you like engines, design, invention and the feel of power, this class is for you. **Course fee.**

Course Name	Duration	Grade Level	Credit
Science of Engineering Technology	Semester	9 – 12	.5 Credit

This course is designed to encourage students to become problem solvers, flexible thinkers, and cooperatively work with others through the use of individual and group projects. Areas of study include drafting, production planning, manufacturing, and power and energy. It is highly recommended that students take Materials and Processes. **Course fee.**

Foreign Language Courses Available for Eache Grad			
9	**10**	**11**	**12**
Spanish 1	Spanish 1	Spanish 1	Spanish 1
Spanish 2*	Spanish 2*	Spanish 2*	Spanish 2*
	Spanish 3*	Spanish 3*	Spanish 3*
		AP Spanish*	AP Spanish*
***Prerequisite required**			

Course Name	Duration	Grade Level	Credit
Spanish 1	Year	9 - 12	1 Credit

This course studies the basic foundations of the Spanish language and culture. Great emphasis is placed on vocabulary and grammar to allow students to begin speaking, reading, and writing in Spanish. Students learn these basic skills through use of the textbook, written and aural exercises**,** and videos. Communication with other students is promoted through frequent group activities. Students also become acquainted with various Spanish cultures and customs through literature, research and craft projects, videos, and music.

See course topics here: Spanish 1

Course Name	Duration	Grade Level	Credit
Spanish 2	Year	10 - 12	1 Credit
Prerequisite	**Spanish I** B or better in year-long 8th grade Spanish for all terms when requesting for 9th grade.		

This course is a continuation of Spanish I with more emphasis placed on grammar skills, reading and writing. Students apply their Spanish language skills in hands-on projects, discussions conducted in the target language, and short written compositions. The study of vocabulary, translations, and culture continues.

See course topics here: Spanish 2

Course Name	Duration	Grade Level	Credit
Spanish 3	Year	11 - 12	1 Credit
Prerequisite	**Successful completion of Spanish II**		

This course is a continuation of Spanish II with more emphasis placed on oral and written communication skills.
Students will be asked to lead group discussions in Spanish and write compositions over the course of the year. A study of grammar, verb tenses, vocabulary and culture will continue.

See course topics here: Spanish 3

Course Name	Duration	Grade Level	Credit
AP Spanish	Year	11-12	1 Credit
Prerequisite	**Successful completion of Spanish III**		

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

Other Course Options

Course Name	Duration	Grade Level	Credit
Health & Wellness	Semester	9 – 12	.5 Credit

This course is required and designed for all students. The students will develop decision-making skills in the following areas: physical, emotional, social, spiritual and intellectual wellness. Areas to be included are stress management, drugs and alcohol, sexuality and healthy relationships, systems of the body, and acceptance and diversity. Small and large group discussions will be used as well as debates and guest speakers. Students will also be required to participate in group and individual presentations to demonstrate their understanding and interpretation of the material covered.

Course Name	Duration	Grade Level	Credit
Community Service	Semester	10 - 12	.5 Credit

Students who enjoy working directly with middle school or elementary school students as well as helping teachers with various activities are encouraged to participate. Students who request this course need to be self-directed, have regular school attendance, be reliable, have good communication skills, and be able to follow directions. Participation in this course is dependent upon placement availability. Grades for this course are determined by teacher evaluations, writing assignments, attendance, work-ethic, and attitude. Paperwork is required and is available in the high school office. Students are either graded a P (passing) or F for this course.

Course Name	Duration	Grade Level	Credit
Child & Adolescent Development	Semester	11 – 12	.75 Credit 3 Credits (UW-Oshkosh)

Principles, theories, and methods of study of childhood and adolescence from prenatal development through graduation from high school Physical, motor, cognitive, emotional, social, and moral development are studied. Applications of knowledge to working with, nurturing, and helping children and adolescents learn in educational settings are emphasized. This is UW-Oshkosh's Education Foundations 235.

Students enrolling in this course are eligible to earn 3 undergraduate credits through UW-Oshkosh, which are transferable to most colleges and universities in Wisconsin. Grading scale and policies for the course

are in accordance to UW-Oshkosh's grading scale and procedures. Students taking the course for UWO credit will incur a fee from UWO of $100 per credit as of the 2021-22 school year. Tuition subject change in accordance to UWO policies.

Course Name	Duration	Grade Level	Credit
Elementary/Secondary Education 110: Individual, School, and Society (Fundamentals of Education)	Semester	11 – 12	.75 Credit 3 Credits (UW-Oshkosh)

This course provides students with an introduction to teaching as a profession in the US public education system. The course is organized around the seven Educators Rising Standards. Together, these standards will lead interested students through an analysis of what future educators need to know, understand and practice in order to one day become accomplished teachers. This course is also an excellent choice for students who want a deeper understanding of the role of education in society as they transition from student to community member, future parent, and member of the work force.

Click on the link to see what students have said about this course: Student Endorsements

Students enrolling in this course are eligible to earn 3 undergraduate credits through UW-Oshkosh, which are transferable to most colleges and universities in Wisconsin. Grading scale and policies for the course are in accordance to UW-Oshkosh's grading scale and procedures. Students taking the course for UWO credit will incur a fee from UWO of $100 per credit as of the 2021-22 school year. Tuition subject change in accordance to UWO policies.

Course Name	Duration	Grade Level	Credit
Introduction to Professional Nursing (Nursing 105)	Semester	11 – 12	.25 Credit 1 Credits (UW-Oshkosh)

This is a pre-nursing course designed to introduce students to the profession of nursing. Nursing's historical development, health care delivery systems, and the nurse's roles will be discussed. The concepts of professionalism and critical thinking will be introduced. The course will also emphasize the personal insight, capabilities and skills needed for successful baccalaureate education.

Students enrolling in this course are eligible to earn 3 undergraduate credits through UW-Oshkosh, which are transferable to most colleges and universities in Wisconsin. Grading scale and policies for the course are in accordance to UW-Oshkosh's grading scale and procedures. Students taking the course for UWO credit will incur a fee from UWO of $100 per credit as of the 2021-22 school year. Tuition subject change in accordance to UWO policie

Course Name	Duration	Grade Level	Credit
LTC Introduction to Public Safety	Semester	10 – 12	.5 Credit 2.0 Credits (LTC)

Introduction to Public Safety is a course which provides underlying skills and career experiences for students interested in the fields of Public Safety, such as police officer, firefighter, and emergency medical technician. Students will gain exposure to communication and critical thinking skills needed for these careers, as well as gain hands on experience with vehicles and equipment used. Units will include information on the Emergency Management System, Hazardous Materials, the Incident Command System, and Demonstrating Professionalism.

Course Name	Duration	Grade Level	Credit
Essentials of Athletic Careers and Officiating	Semester	10 – 12	.5 Credit

This course is for students who want to develop the knowledge and skills to be able to officiate and coach sports. They will learn how to lead, communicate, plan, organize, and instruct others in a sport or sports of the student's choice. Upon successful completion, students will be eligible for WIAA certification as a sports official, Red Cross certification in First Aid and CPR, and will have developed a coaching portfolio. It is recommended that students have a good working knowledge of several sports and fitness training principles. This course will require students to participate in field experiences outside of the school day. Students will have the opportunity to study WIAA-sanctioned sports. If a student expresses interest in a sport not listed, the teacher will work with the student on the sport of their choice.

Course Name	Duration	Grade Level	Credit
Leadership and Maximizing Your Potential	Semester	10 – 12	.5 Credit

Leadership is a skill that many want to have. Students want to be leaders, but do not know how to become a leader. Giving students a chance to learn how to become leaders is the first lesson in changing their future and the future of others. Students will learn the skills it takes to be a leader in school and in life. Students will also learn mental skills and strategies in maximizing their potential and the potential of those around them.

See course topics here: Leadership & Maximizing Your Potential

Course Name	Duration	Grade Level	Credit
School Publications	Year	Grades 10 - 12	1 Credit
Prerequisite	**A grade of B or higher in both semesters of most recently completed English course.**		

This course is for students interested in photography, design, writing, interviewing, research, editing, typing, and sales and is responsible for the production of the high school yearbook. Computer skills, an ability to work both independently and as part of a team, meeting deadlines, and a commitment to producing quality work are mandatory. Students are required to put in additional time outside of class on their assignments and photographing school events.

Course Name	Duration	Grade Level	Credit
Video Journalism	Semester	9-12	.5

Video Journalism students will explore the art and craft of video storytelling while focusing on producing a captivating schoolwide broadcast. Through a hands-on approach, participants will develop essential skills in video production, scriptwriting, camera operation, and video editing. Students will also learn the fundamentals of journalism, including researching, interviewing, and reporting, as they work collaboratively to create engaging content for their school community. This course goes beyond the technical aspects of video production by fostering critical thinking, communication, and teamwork skills.

Course Name	Duration	Grade Level	Credit
Work Experience	Semester	11-12	.5 credit per block

Juniors and seniors who have employment outside of school have the ability to earn credit through working at their place of employment. Students who request this course must have regular school attendance, provide proof of employment, and maintain passing grades in their courses. Grades for this course are determined by employer evaluations, writing assignments, attendance, and submitting proof of hours. Paperwork is required and is available in the high school office. Students are either graded a P (passing) or F for this course.

A student may request Work Experience for ONE block each semester. Additional blocks may be permitted on a case-by-case basis, depending upon a student's career path.

Course Name	Duration	Grade Level	Credit
Youth Apprenticeship	Year	11-12	.5 to 2.0 Credit

A Youth Apprenticeship is a paid work experience and guided learning opportunity within an industry. It is a year-long commitment available to students who apply in the spring of their sophomore or junior year. Programs are available in Agriculture, Architecture and Construction, Finance, Health Science, Hospitality and Culinary, Information Technology, Manufacturing, Marketing, STEM (Science, Technology, Engineering, and Math), and Transportation/Distribution. Students must accumulate a total of 450 hours at their placement over the course of the year and must be enrolled in a course related to their placement each semester. Successful completion in classroom and work site experiences merit a Wisconsin Certificate of Occupational Proficiency. Students are able to participate through the Inspire WI Youth Apprenticeship Program.

Inspire Sheboygan Youth Apprenticeship Information: https://inspirewi.org/

Course Name	Duration	Grade Level	Credit
Early College Credit and Start College Now Programs	Semester	9-12 11-12	varies

As a result of state legislation, students have an opportunity to enroll in college, university, and technical college courses in Wisconsin when the course is not offered at their high school. Applications for classes to be taken during the **fall of 2024** must be received by **March 1, 2024.** Applications for classes to be taken during the **spring of 2025** must be received by **October 1, 2024.** Students request applications from the Counseling Office. The following information is a brief summary of these programs:

- Early College Credit allows students to enroll in one or more non-sectarian courses (for up to 15 credit hours per semester) at a UW campus or a private, non-profit college located in the state.

- Start College Now allows students in grades 11-12 to enroll in one or more courses at a Wisconsin Technical College.
- Admittance to Early College Credit and Start College Now programs are contingent on meeting entrance requirements and the availability of space.
- The school district will determine whether the course satisfies state graduation requirements and what, if any, high school credits are to be awarded to the pupil. Students may appeal the district's determination to the state superintendent.
- The pupil must follow the application and notification process so that school district and post-secondary planning and reporting may take place. · **For courses taken for high school credit the pupil's school district will pay the actual cost of tuition, books and other necessary material directly related to the courses taken at a UW campus or center, or technical college. If the pupil attends a private college, the school district must pay the lesser of: the actual cost of tuition, books and other material; or an amount determined by multiplying the statewide number of high school credits taken at the private college.**
- The school board is responsible for the cost of tuition only if the course is approved for high school credit and the course is not comparable to a course offered in the school district.
- The student is restricted to a maximum of 18 credits under this program.

Reimbursement for Course Failing Grade

Current school board policy is the following: If a student receives a failing grade in a course or fails to complete a course, at a technical college for which the Board has made payment, the student's parent or guardian, or the student if s/he is an adult, may be required by the Board to reimburse the Board the amount paid on the student's behalf to the extent permitted by law to do so. For the purposes of this paragraph, a grade that constitutes a failing grade for a course offered in the School District constitutes a failing grade for a course taken at a technical college under this section.

Public Notification of Non-Discrimination Policy

NONDISCRIMINATION AND ACCESS TO EQUAL EDUCATIONAL OPPORTUNITY

The Board is committed to providing an equal educational opportunity for all students in the District.

The Board does not discriminate on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, (including gender status, change of sex or gender identity), or physical, mental, emotional, or learning disability (Protected Classes) in any of its student program and activities. This policy is intended to support and promote nondiscriminatory practices in all District and school activities, particularly in the following areas:

A. use of objective bases for admission to any school, class, program, or activity;

B. prohibition of harassment towards students and procedures for the investigation of claims (see Policy 5517);

C. use of disciplinary authority, including suspension and expulsion authority;

D. administration of gifts, bequests, scholarships and other aids, benefits, or services to students from private agencies, organizations, or persons;

E. selection of instructional and library media materials in a nondiscriminatory manner and that reflect the cultural diversity and pluralistic nature of American society;

F. design and implementation of student evaluation practices, materials, and tools, but not at the exclusion of implementing techniques to meet students' individual needs;

G. design and configuration of facilities;

H. opportunity for participation in extra-curricular and co-curricular activities provided that separate programs for male and female students may be available provided comparable activities are made available to all in terms of type, scope, and District support; and

I. the school lunch program and other school-sponsored food service programs.

The Board is also committed to equal employment opportunity in its employment policies and practices as they relate to students. The Board's policies pertaining to employment practices can be found in Policy 1422, Policy 3122, and Policy 4122 - Nondiscrimination and Equal Employment Opportunity.

The District will identify, evaluate, and provide a free appropriate public education to students with disabilities who are determined eligible for special education and related services under the Individuals with Disabilities Education Act (IDEA) or Section 504 of the Rehabilitation Act of 1973 (Section 504).

The District's educational programs include the academic and nonacademic setting. Each qualified student with a disability shall be educated with students without disabilities to the maximum extent appropriate. In the nonacademic setting, a student with a disability shall participate with students without disabilities to the maximum extent appropriate.

Notice of the Board's policy on nondiscrimination and the identity of the District's Compliance Officer(s) (see below) will be published on the District's website, posted throughout the District, and included in the District's recruitment statements or general information publications.

Principal's Responsibilities

Each Principal shall verify that the procedures used with students and parents for selection of and participation in any part of the District's academic, co-curricular, or extra-curricular programs do not discriminate on the basis of the Protected Classes.

Any questions concerning this policy should be directed to:

District Administrator
School District of Random Lake
605 Random Lake Road
Random Lake, WI 53075
(920) 994-4342

Last updated 1/11/2024

High School Planning Form

Use this form to tentatively plan your high school courses through senior year. All students are required to be enrolled in 8 courses each semester. The graduation requirement is a minimum of 28 credits.

Freshman Selection

	First Semester			Second Semester	
Period	A Day	B Day		A Day	B Day
1	English 9	Modern American Studies		English 9	Modern American Studies
2	Math	Earth & Space Science		Math	Earth & Space Science
3	PE Choice			Health?	
4					

Sophomore Selection

	First Semester			Second Semester	
Period	A Day	B Day		A Day	B Day
1	English 10	World Studies		English 10	World Studies
2	Math	General Biology		Math	General Biology
3	PE				
4					

Junior Selection

	First Semester			Second Semester	
Period	A Day	B Day		A Day	B Day
1	English 11 or AP Language	Economics		English 11 or AP Language	Psychology or Sociology
2	Math	PE		Math	
3	Science			Science	
4					

Senior Selection

	First Semester			Second Semester	
Period	A Day	B Day		A Day	B Day
1	English			English	
2					
3					
4					
